

Daniel MARTY

Curriculum vitae

Last updated: 22.10.2015

Personal details

First / FAMILY name: Daniel / MARTY
Date and place of birth: August 5th 1973, Basel (Switzerland)
Hometown: Oberiberg (Canton Schwyz, Switzerland)
Marital status: Married, no children
Nationality: Switzerland



Contact details

Home address: Dornacherstr 167, 4147 Aesch BL, Switzerland
Private phone: 0041/(0)79 616 55 26
E-mail: martydaniel@hotmail.com
Work address 1: Office de la culture – Paléontologie A16, Hôtel des Halles, P.O. Box 64, 2900 Porrentruy 2, Switzerland
Phone / e-mail /web: +41/(0)32 420 84 62 / martydaniel@hotmail.com / pal-a16.ch
Work address 2: Naturhistorisches Museum Basel, Augustinergasse 2, 4001 Basel, Switzerland, daniel.marty@bs.ch / nmb.bs.ch

Education & experience

1989–1992: General qualification for university entrance (Gymnasium Münchenstein, Switzerland): "Matura A" (with old Greek and Latin)
1993–1994 Studies at the department of Earth Sciences of the University of Basel, Switzerland
1994–1997 United Bank of Switzerland, Retail Banking (Basel, Switzerland) and windsurf instructor & station management of the F2 Windsurfing Pro Centre Tommy Friedl, Hurghada, Egypt (tommy-friedl.de)
1997–2001 Studies in Earth Sciences at the University of Basel and Geophysics at the ETH Zürich (both Switzerland)
1998–2000 Student deputy at the department of Earth Sciences (University of Basel)
1999–2000 25% assistant of Prof. C.A. Meyer (University of Basel): webmaster of the sedimentology and palaeontology groups. Palaeontological and sedimentological documentaion of an echinoderm excavation (Dalle Nacrée, Middle Jurassic, Swiss Jura Mountains). Assistant for the practical training of the lecture "Introduction into Earth Sciences"
04/1999 Palaeontological report for the Cantonal Archaeology Baselland concerning the future course of the "Transitgasleitung" in the Canton Baselland, Switzerland
08/1999 Internship at the "Sinai Manganese Company" (Abu Zeneima, Sinai, Egypt)
2000 Palaeontology A16 (40%): palaeontologist & vice project leader
2001 Master in Earth Sciences and Geophysics. Master Thesis in sedimentology & palaeontology (palaeoecology), supervised by Prof. C.A. Meyer, Prof. A. Wetzel & Prof. L. Hottinger:
Sedimentology, paleoecology and stratigraphy of the palustrine Facies Rognacien at the K/T-boundary in Southern France (70 pp.)
10/2001 Palaeontology A16 (80%): palaeontologist
01/2002 Palaeontology A16 (100%): research palaeontologist. Responsible for excavations of dinosaur footprints, and the coordination of the scientific research within the Mesozoic strata along the future course of the Transjurane highway, co-direction of the Palaeontology A16
2004–2008 PhD thesis at the University of Fribourg (Switzerland), supervised by Prof. A. Strasser & Prof. C.A. Meyer:
Sedimentology, taphonomy, and ichnology of Late Jurassic dinosaur tracks from the Jura carbonate platform (Chevenez—Combe Ronde tracksite, NW Switzerland): Insights into the tidal-flat palaeoenvironment and dinosaur diversity, locomotion, and palaeoecology (GeoFocus 21, 278 pp.)

- 2006–2008 Palaeontology A16 (75%): research palaeontologist
National Research Foundation (25%): PhD thesis, co-supervision of bachelor and master students
- 04/2008– Palaeontology A16 (100%): research palaeontologist:
Head of excavations of Mesozoic dinosaur tracksites along the Swiss federal highway A16 (*Transjurane*): (coordination of) excavation, documentation, and scientific research related to these dinosaur tracksites
- 11/2008– Editor (Palaeontology) of the Swiss Journal of Geosciences
www.springer.com/birkhauser/geo+science/journal/15
- 01/2014– Board member of the Palaeontology A16
- 03/2014– Editor-in-chief of the Swiss Journal of Palaeontology
<http://www.springer.com/birkhauser/geo+science/journal/13358>
- 09–12/2014 Lectureship (introduction to palaeontology) at the University of Basel

Skills

Languages

German (mother tongue), French and English (very good written and fluently oral), Italian and Arabic (little oral), old Greek and Latin

Computer knowledge

Oper. Systems: MSDos, Windows XP – Vista, Macintosh OS9 and higher
Applications: Office Word/Excel/Powerpoint, Adobe Photoshop/Illustrator/InDesign, Endnote, Outlook, Filemaker, Arcview, Stereoplot, Past, Grapher, a.o.

Management courses

- 2004 3 day management course "Résolution de conflits et situations difficiles", held by Danielle Pahud, Atouts Conseil Formation (in French)
- 2005 3 day management course "Diriger, conduire et motiver une équipe", held by ACT Formation SA (in French)
- 2006 1 day management course "Initiation aux entretiens d'évaluation", held by Service du personnel, République et Canton du Jura (in French)
- 2006 1 day management course "Ethique professionnelle", held by Michel Dokic (in French)
- 2006 1 day management course "Animer et participer efficacement à des reunions" held by Service du personnel, République et Canton du Jura (in French)
- 2008 3 day management course "Construire son identité managériale: développer son impact personnel", held by Péan Rebetez (in French)
- 2009 2 day management course "La communication relationnelle; La négociation – La médiation", held by Danielle Pahud, Atouts Conseil Formation (in French)

Other skills

Driving licence (1992), Military driving licence for cross-country vehicles (1993), driving licence for sailing boats (1987), windsurf & catamaran instructor (1995), lifeguard-licence (1995), PADI-diving licence (1996)

Cultural flexibility (foreign languages & experiences), well-developed communication and organisation skills, good teamwork capabilities, ability to learn new software quickly, used to travel abroad independently

Reference persons and reference letters

Furnished upon request

Publications (see detailed list attached at the end)

<http://pal-a16.academia.edu/danielmarty>

http://www.researchgate.net/profile/Daniel_Marty2/

Research activities

Research interests

Keywords: Palaeontology, palaeobiology, vertebrate & invertebrate (neo-) ichnology, palaeoecology, regional geology of the Jura Mountains and Swiss Alps (palaeontology, lithostratigraphy, biostratigraphy), sedimentology of ancient and recent carbonates & carbonate-siliciclastic sedimentary systems (carbonate platforms, palustrine carbonates)

Methods: Systematic palaeontological excavation, fundamental (in)vertebrate ichnology, ichnotaxonomy, taxonomy, palaeoecology, (carbonate) sedimentology (microfacies analysis)

Awards

- 17.11.2007 Prize for young researchers of the Commission of the Swiss Palaeontological Memoirs for best paper and presentation (Marty, D. 2007: Comparative taphonomy of human footprints left in microbial mats of tidal flats and dinosaur footprints of Late Jurassic biolaminites; a key for the interpretation of fossil vertebrate tracks. 5th Swiss Geoscience meeting, Geneva, Switzerland, p. 203).
- 13.02.2008 Award of the Science Faculty of the University of Fribourg for the best doctoral thesis of the year in the area of experimental sciences (Marty, D. 2008: Sedimentology, taphonomy, and ichnology of Late Jurassic dinosaur tracks from the Jura carbonate platform (Chevenez—Combe Ronde tracksite, NW Switzerland): insights into the tidal-flat palaeoenvironment and dinosaur diversity, locomotion, and palaeoecology. PhD Thesis University of Fribourg, *GeoFocus* 21, 278 pp).

Congress organization

- 2002 Annual meeting of the Swiss Palaeontological Society, Porrentruy (Switzerland), co-organisation with W.A. Hug & D. Becker
- 2005 Annual meeting of the curators of Swiss Natural History Museums, Porrentruy (Switzerland), co-organisation with J. Ayer, J. Chalverat, D. Becker, J.-P. Billon-Bruyat & W.A. Hug
- 2009 5th International Symposium on Lithographic Limestone and Plattenkalk, Natural History Museum Basel (Switzerland), co-organisation with J.-P. Billon-Bruyat, C.A. Meyer, B. Thüring & L. Costeur

Editorial activities

Ichnos (associate editor since 03/2014)
Journal of Korean Nature (editorial board member since 12/2011)
Journal of Asia-Pacific Biodiversity (editorial board member since 01/2013)
Swiss Journal of Geosciences (editor for Palaeontology since 11/2008)
Swiss Journal of Palaeontology (editor-in-chief since 03/2014)

Peer Review activities

Chinese Science Bulletin; *Comptes rendu Palevol*; *European Journal of Geosciences*; *Géobios*; *Geogaceta*; *Historical Biology*; *Ichnos*; *IUGS-UNESCO*; *Journal of Physical Anthropology*; *Journal of the Geological Society (of London)*; *Journal of Iberian Geology*; *Journal of Vertebrate Paleontology*; *Journal of Zoology*; *New Mexico Museum of Natural History and Science Bulletin*; *Palaeogeography Palaeoclimatology Palaeoecology*; *Palaeoworld*; *Palaios*; *PeerJ*; *PLoS ONE*; *PNAS (Proceedings of the National Academy of Sciences)*; *Revue de Paléobiologie*; *Scientific Reports (Nature Publishing Group)*; *Sedimentary Geology*; *Sedimentology*; *Swiss Journal of Geosciences*; *Swiss Journal of Palaeontology*

Scientific board memberships

Commission of the Swiss Palaeontological Memoirs (KSPA) (since 01/2014)
Swiss Palaeontological Society (since 11/2008)

Scientific committees of congresses

First International Congress on Continental Ichnology (ICCI), El Jadida, Morocco, April 2015

Professional memberships

American Association of Petroleum Geologists (AAPG)
Amis du Musée jurassien des sciences naturelles (Porrentruy, Switzerland)
Association Dinosauria (Musée des Dinosaures, Espéraza)
European Association of Vertebrate Palaeontologists (EAVP)
Freunde des Naturhistorischen Museums Basel (Switzerland)
Ichnological Association
International Association of Sedimentologists (IAS)
International Palaeontological Association (IPA)
Korean Biodiversity Information Facility (KBIF)
Paläontologische Gesellschaft (PalGes)
Society for Sedimentary Geology (SEPM)
Society of Vertebrate Paleontology (SVP)
Swiss Association of Energy Geoscientists (SASEG, former VSP-ASP)
Swiss Geological Society (SGG)
Swiss Palaeontological Society (SPG-SPS)
The Palaeontological Association (PalAss)⁸

University teaching

05/2008 *III^{ème} cycle CUSO* course "Palaeoecology, taphonomy, and the stratigraphic record", lecture, University of Fribourg (Switzerland)
05/2012 ESPP (Earth Surface Processes & Paleobiosphere) course "Fossil preparation & Comparative anatomy", lecture, Porrentruy (Switzerland)
05/2014 Vertebrate ichnology: classification, morphology and 3D models. Workshop together with Ignacio Díaz-Martínez and Peter Falkingham. Transmitting Science – Specialized postgraduate courses and workshops, Barcelona, Spain. This workshop was not held as yet, it is postponed.
2014 (fall semester) Introduction to Palaeontology & exercises (total of 56 hrs, "Grundlagen und Methoden der Paläontologie"), lectureship at the University of Basel

(Co-)supervision of bachelor & master students

1. Keller, C., 2004: Bachelor Thesis, University of Fribourg (Switzerland)
2. Keller, C., 2005–2006: Master Thesis, University of Fribourg (Switzerland)
3. Waite, R., 2004–2006: Master Thesis, University of Basel (Switzerland)
4. Hicks, S., 2004–2006: Master Thesis, University of Würzburg (Germany)
5. Richardt, F., 2004–2006: Master Thesis, University of Würzburg (Germany)
6. Menkem, E.F., 2006–2007: Master Thesis, University of Fribourg (Switzerland)
7. Schaefer, K., 2007: Bachelor Thesis, University of Neuchâtel (Switzerland)
8. Gretz, M., 2006–2007: Master Thesis, University of Geneva (Switzerland)
9. Sandoz, M., 2007–2008: Master Thesis, University of Geneva (Switzerland)
10. Schürch, D., 2009–2010: Bachelor Thesis, Scientific Visualization, ZHdK (Zürich)
11. Erdin, T., 2012–2013: Master Thesis "Paléoskop" (Master of arts in design), Scientific Visualization, ZHdK (Zürich)
12. Schürch, D. 2012–2013: Master Thesis "Paléoskop" (Master of arts in design), Scientific Visualization, ZHdK (Zürich)

Invited scientific lectures

07/2006 Annual Meeting of the Association of Swiss Petroleum Geologist, Rheinfelden (Switzerland)
05/2007 Colloquium of the University of Zürich (Switzerland)
11/2009 Science Lunch of "Scientific Visualization", Zürcher Hochschule der Künste, ZHdK Zürich (Switzerland)
12/2010 Colloquium of the Geological and Palaeontological Institute of the University of Vienna (Austria)
04/2011 Dinosaur Track Symposium, Obernkirchen (Germany), 2 invited lectures
07/2011 Campos / Cursos de verano Huellas de Dinosaurio, Enciso (La Rioja, Spain)
12/2011 Colloquium of the "Institut für Geologische Wissenschaften an der Freien Universität Berlin" (Germany)
04/2012 Annual meeting of the Korean Earth Science Society, Goseong, South Korea

- 05/2012 ESPP (Earth Surface Processes & Paleobiosphere) course "Fossil preparation & Comparative anatomy", Porrentruy (Switzerland)
- 09/2012 Digital Fossil, Berlin, Germany
- 11/2012 Qijiang International Dinosaur Track Symposium, Qijiang District, Chongqing Municipality, China
- 09/2013 VI Jornadas Internacionales sobre Paleontología de Dinosaurios, Salas de los Infantes, Spain
- 05/2014 Vertebrate Ichnology: Classification, morphology and 3D models. Transmitting Science Workshop, Barcelona, 5.-9.05.2014.

Invited popular lectures

- 06/2003 Mineralien & Fossilienfreunde Bern
- 10/2003 Société d'Emulation jurasienne
- 02/2004 Naturhistorisches Museum Bern
- 01/2004 Naturforschende Gesellschaft St. Gallen
- 06/2006 Mineralienfreunde Basel
- 06/2008 Paléomania, Arinthod (France)
- 11/2008 Natural History Museum Neuchâtel
- 11/2008 Natural History Museum Fribourg
- 12/2010 Naturhistorisches Museum Bern
- 02/2012 Mineralien und Fossilienfreunde Aargau
- 04/2012 Gyeongnam Goseong Dinosaur World Expo, Goseong, South Korea

Popular courses (adult evening classes & excursions)

- 05/2011 "Dinosaurierland Schweiz – Der Kanton Jura vor 150 Millionen Jahre", Lecture & excursion, Volkshochschule beider Basel (Switzerland)
- 05/2012 "Dinosaurier im Jura? Auf den Spuren der Giganten", Lecture & excursion, Volkshochschule beider Basel (Switzerland)
- 04/2014 "Dinosaurierspuren im Juragebirge", Lecture, SamstagsUni Dinosaurier, Volkshochschule beider Basel (Switzerland)

Organization & (co-)direction of scientific field-trips

- 1999–2000 Assistance (25%) at the Department of Earth Sciences, University of Basel for PD Dr. C. A. Meyer. Webmaster of the sedimentology and palaeontology groups and assistant for the applied exercises of the lecture "Introduction into Earth Sciences"
- 2000 Preparation of an excavation (in Courtedoux, Canton Jura) for the "Palaeontological field course" of the University of Basel
- 07/2006 Annual Meeting of the Association of Swiss Petroleum Geologist, field-trip to the palaeontological excavations of the Transjurane highway
- 2005–2011 Annual palaeontological excursion (2 days) of the University of Geneva (Switzerland)
- 2005–2011 Bi-annual palaeontological excursion (1 day) of the University of Zürich (Switzerland)
- 2006–2011 Annual palaeontological field course (3 days) of the University of Fribourg (Switzerland)
- 05/2008 Lecture & field-trip for the *III^{ème} cycle CUSO* course "Palaeoecology, taphonomy, and the stratigraphic record", University of Fribourg, 05.-08.05.2008
- 08/2009 5th International Symposium on Lithographic Limestone and Plattenkalk: field-trip to the palaeontological excavations of the Transjurane highway
- 2011–2013 Field-trip to a dinosaur tracksite near Porrentruy for the Universität Hannover
- 05/2013 Deutsche Stratigraphische Kommission (SAK) Subkommission für Jurastratigraphie, Jahrestagung 2013 in Porrentruy: Field-trip to a Late Jurassic dinosaur tracksite and outcrop near Porrentruy
- 07/2014 Palaeontological excursion (1 day) for the University of Bonn (Germany)
- 08/2014 19th Int. Sedimentological congress (IAS) fieldtrip to the Jura Mountains: Late Jurassic shallow-marine carbonate facies and sequences (and dinosaur tracks). With Prof. A. Strasser & Dr. W.A. Hug

Organization of popular excursions & visiting days

2002	Visiting days & numerous excursions on the Courtedoux—Sur Combe Ronde dinosaur tracksite
2004	Visiting days & numerous excursions on the Chevenez—Combe Ronde dinosaur tracksite
2005	Visiting days & numerous excursions on the Courtedoux—Tchâfouè dinosaur tracksite
2006	Visiting days & numerous excursions on the Courtedoux—Tchâfouè dinosaur tracksite
2007	Visiting days & numerous excursions on the Courtedoux—Sur Combe Ronde dinosaur tracksite
2008	Visiting days & numerous excursions on the Courtedoux—Bois de Sylleux dinosaur tracksite
2009	Visiting days & numerous excursions on the Courtedoux—Béchat Bovais dinosaur tracksite
2010	Visiting days & numerous excursions on the Courtedoux—Béchat Bovais dinosaur tracksite

Participation in scientific field-trips, important field activities, workshops

03/1994	Volcanological field-trip to Central Italy (University of Basel)
07/1998	Course in geological mapping in the Alpes near Chambéry, France (University of Basel)
10/1998	Geophysical field-course of the ETH Zürich
02/1998	Field-course in structural geology in the Alps near Domodossola, Italy (University of Basel)
06/1999	Sedimentological-stratigraphical field-course in the Chevenez-La Combe quarry, NW Switzerland (University of Basel)
07/1999	Course in geological mapping in the Alps near Zermatt, Switzerland (University of Basel)
08/1999	Geological, sedimentological and palaeontological fieldwork for the Sinai Manganese Company (Abu Zeneima, W Sinai, Egypt)
10/1999	Palaeontological & sedimentological documentation of an excavation in the "Dalle Nacrée" at Undervelier (Canton Jura, Switzerland) led by B. Hostettler. Mandated by PD Dr. C. A. Meyer of the University of Basel
1999–2001	Geological mapping, sedimentological and palaeontological fieldwork in the Pyrenees, southern France (Master Thesis, University of Basel)
2000–	Geological mapping, sedimentological & palaeontological fieldwork on and around the Transjurane highway (Canton Jura, Switzerland)
2002–	Excavations in Mesozoic strata along the Tranjurane A16 Highway (Ajoie, Canton Jura, Switzerland)
05/2004	(Actuo-) sedimentological/palaeontological field-trip to Eleuthera Island (Bahamas), CUSO course led by P. Kindler, E. Davaud, G. Gorin, & A. Strasser (Universities of Geneva & Fribourg)
05/2005	(Actuo-) sedimentological/palaeontological field-trip of the University of Geneva to Tunisia (Pleistocene, Holocene and Mesozoic carbonate environments), led by E. Davaud & G. Gorin (University of Geneva)
10/2006	(Actuo-) sedimentological/palaeontological field-trip to the Sinai, Egypt (Coral Reef Ecosystems: Past and Present - a case study in the Red Sea), CUSO course led by S. Spezzaferri, A. Strasser, E. Samankassou, D. Basso & F. Benzoni (Universities of Fribourg & Milano)
10/2006	Workshop "Assessing risks to your collection" by the Canadian Museum of Nature, 66 th Annual Meeting of the Society of Vertebrate Palaeontology, Ottawa, Canada
02/2007	(Actuo-) sedimentological/palaeontological field-trip with A. Strasser (University of Fribourg) to Belize, financed by the Swiss National Foundation of Research
02–03/2007	Visit of the Early Cretaceous Paluxy River tracksites (Dinosaur Valley State Park, Glen Rose, Texas)

- 09/2007 (Actuo-) sedimentological/palaeontological field-trip to Colombia (Evolution d'un archipel océanique des Caraïbes, San Andrés et Providencia), CUSO course led by Prof. J. Geister & Prof. G. Gorin (Universities of Bern & Geneva)
- 08/2009 Park Ela (Canton Graubünden) expedition 2009 with a team of the Natural History Museum Basel led by C.A. Meyer: prospecting for dinosaur tracks, ichnological & sedimentological fieldwork.
- 08/2010 Park Ela expedition 2010
- 07/2011 Workshop "Paleontología y desarrollo. Teruel: Territorio paleontológico", Universidad de Verano de Teruel, Teruel, Spain (25.-29.07.2011)
- 07-08/2011 Field-trip to the dinosaur tracksites of Teruel, Soria, La Rioja & Asturias (all Spain)
- 04/2012 Field-trip to South Korean dinosaur & bird tracksites organised by the Dr. J.-D. Lim, Natural Heritage Center, National Research Institute of Cultural Heritage, South Korea
- 09/2012 GBIF-workshop "BioCASE" (by M. Gleisberg et al.), Naturkundemuseum Berlin, Germany
- 09/2012 Workshop "Photogrammetry: digital data collection that anyone can do" (by N. Matthews et al.), Naturkundemuseum Berlin, Germany
- 09/2012 Workshop "The Paleobiology Database: A Hands-on Tutorial on Estimating Fossil Diversity Patterns" (by W. Kiessling), Naturkundemuseum Berlin, Germany
- 11/2012 Documentation of dinosaur tracksites in Shandong and Qijiang (China), led by Lida Xing.
- 08/2013 Vieux Emosson (Canton Valais) expedition with a team of the Natural History Museums Basel & Geneva led by C.A. Meyer: prospecting and documentation of dinosaur tracks, ichnological & sedimentological fieldwork.
- 08/2013 Documentation of dinosaur tracksites in Lanzhou (China), led by Lida Xing.
- 04/2015 Documentation of the Carl Orcko' dinosaur tracksite in Sucre, Bolivia. With a team of the Natural History Museum Basel led by Christian Meyer and mandated by the Parque Cretacico, Municipal Fancesa.

Museography & popular outreach

- 2001 Gremaud, C., Meyer Cesta, B, Becker, D., Diedrich, C., Hug, W. A., Lapaire, F., Marty, D. & Thüring, B. 2001: Palaeontological exhibition for "Science et Cité". Office de la culture, Porrentruy (Switzerland).
- 2004 Oriet, B., Becker, D., Billon-Bruyat, J.-P., Borgeaud, P.-A., Légeret, V., Marty, D., & Stalder L. 2004: Palaeontological trail "Chemin à remonter le temps". Office de la culture, Porrentruy (Switzerland).
- 2005 Hug, W. A., Ayer, J., Becker, D., Billon-Bruyat, J.-P., Bocat, L., Marty, D., Paratte, G. & Rauber, G. 2005: Field exhibition "Sur les traces des dinosaures jurassiens, rencontre sur le terrain avec les paléontologues". Office de la culture, Porrentruy (Switzerland).
- 2007 *Paléomania, sur la piste des paléontologues dans l'Arc jurassien*, itinerant exhibition. Scientific advises and translations from French into German and English (collaboration with J. Ayer). Galerie Courant d'Art, Chevenez (Canton Jura, Switzerland, 03.06.07–30.09.07) Pontarlier (France, 02.04.08–27.04.08) & Arinthod (France, 11.05.08–21.09.08).
- 2008 *Dino, Mammouth & Co* (18.10.08–01.02.09), follow-up of Paléomania. Scientific advisor and translations from French into German and English (collaboration with J. Ayer). Natural History Museum Fribourg (Switzerland).
- 2010 Paléojura Nature trail "Sur les traces des géants / Auf den Spuren der Giganten", Courtedoux (Switzerland, 2010-2012)
- 2012 Scientific advisor for a dinosaur sales campaign of the Swiss Migros Supermarket (www.migros.ch) called "Animanca - Entdecke die Welt der Dinosaurier" (www.animanca.ch). Writing of a dinosaur book and supervising of illustrations and 28 dinosaur woodcraft construction kits.
- 2013 Scientific advisor for the valorization of the Porrentruy—Dinotec tracksite (www.jurassica.ch/dinotec/). Collaboration with D. Schürch & T. Erdin (ZHdK) and Jurassica (jurassica.ch). See also: www.jurassica.ch/dinotec/

Popular outreach in mass medias

Documentaries

2007 Sur la piste des dinosaures jurassiens, Le Miroir
09/2008 SF DRS1 DOK "Dinosaurierland Schweiz" (also translated to French)
12/2010 SF DRS1 Einstein "Wie Dinosaurier sich wirklich bewegt haben" (together with Kent A. Stevens)

Many short contributions and interviews about field activities (excavations) and research, a.o.:

Television: SFDRS (Tagesschau, Schweiz Aktuell, 10 vor 10, MTW), SRG-TSR (Téléjournal, Territoire 21), M6 (e=M6), TF1, France2, France3
Radio: Radio Fréquence Jura, DRS1, DRS2, Radio Swissinfo
Newspapers: Libération, Figaro, Basler Zeitung (BAZ), Neue Zürcher Zeitung (NZZ), NZZ am Sonntag, Tagesanzeiger, Le Temps, Le Matin, Quotidien Jurassien, Sonntagszeitung, Die Zeit, La Liberté, Le Progrès, Baslerstab
Magazines: Pour la Science, Bild der Wissenschaft, GEO, Facts, Tele, Schweizer Familie, Earth Magazine, Science Illustrated

Daniel MARTY — List of publications (15/08/06)

Master thesis (University of Basel, Switzerland)

Marty, D. 2001: Sedimentology, paleoecology and stratigraphy of the palustrine *Facies Rognacien* at the K/T-boundary in Southern France. Master thesis, University of Basel, 70 pp. & geological map.

PhD thesis (University of Fribourg, Switzerland)

Marty, D. 2008: Sedimentology, taphonomy, and ichnology of Late Jurassic dinosaur tracks from the Jura carbonate platform (Chevenez—Combe Ronde tracksite, NW Switzerland): insights into the tidal-flat palaeoenvironment and dinosaur diversity, locomotion, and palaeoecology. PhD Thesis, University of Fribourg, *GeoFocus* 21, 278 pp.

→ *Award of the Science Faculty of the University of Fribourg for the best doctoral thesis of the year in the area of experimental sciences.*

Peer-reviewed publications

1. **Marty, D.**, Cavin, L., Hug, W.A., Meyer, C.A., Lockley, M.G. & Iberg, A. 2003: Preliminary Report on the Courtedoux Dinosaur Tracksite from the Kimmeridgian of Switzerland. *Ichnos* 10, 209–219.
2. **Marty, D.**, Cavin, L., Hug, W.A., Jordan, P., Lockley, M.G. & Meyer, C.A. 2004: The protection, conservation and sustainable use of the Courtedoux dinosaur tracksite, Canton Jura, Switzerland. *Revue de Paléobiologie Special Volume* 9, 39–49.
3. **Marty, D.** & Meyer, C.A. 2006: Insight into depositional conditions of carbonate-dominated palustrine sedimentation around the K/T-boundary (*Faciès Rognacien*, northeastern Pyrenean foreland, southwestern France). *Geological Society of America Special Paper* 416, 169–187.
→ *This research is based on data from the master thesis (see above)*
4. Kindler, P., Curran, H.A., **Marty, D.** & Samankassou, E. 2008: Multiple sedimentary sequences, bird tracks and lagoon beaches in last interglacial oolites, Boiling Hole, North Eleuthera Island, Bahamas. *In: Park, L. & Freile, B. (eds.), Proceedings of the 13th Symposium on the Geology of the Bahamas and other carbonate regions*, Gerace Research Center, San Salvador, Bahamas, 169–181.
5. **Marty, D.**, Strasser, A. & Meyer, C.A. 2009: Formation and taphonomy of human footprints in microbial mats of present-day tidal-flat environments: implications for the study of fossil footprints. *Ichnos* 16/1-2, 127–142. (End of 2014: most cited publication of the journal *Ichnos*)
6. **Marty, D.**, Belvedere, M., Meyer, C.A., Mietto, P., Paratte, G., Lovis, C. & Thüring, B. 2010: Comparative analysis of Late Jurassic sauropod trackways from the Jura Mountains (NW Switzerland) and the central High Atlas Mountains (Morocco): implications for sauropod ichnotaxonomy. *Historical Biology*, 22/1-3, 109–133.
7. Waite, R., **Marty, D.**, Strasser, A. & Wetzel, A. 2013: The lost paleosols: masked evidence for emergence and soil formation on the Kimmeridgian Jura platform (NW Switzerland). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 376, 73–90.
8. Thuy, B., **Marty, D.** & Comment, G. 2013: An outstanding example of a Late Jurassic shallow-water ophiuroid assemblage from the Swiss Jura Mountains. *Swiss Journal of Geosciences*, 106, 409–426.
9. Schudack, U., Schudack, M., **Marty, D.** & Comment, G. 2013: Kimmeridgian (Late Jurassic) ostracods from Highway A16 (NW Switzerland): taxonomy, stratigraphy, palaeoecology, and palaeobiogeography. *Swiss Journal of Geosciences*, 106, 371–395.
10. Xing, L., Lockley, M.G., **Marty, D.**, Klein, H., Buckley, L.G., McCrea, R.T., Zhang, J., Gierlinski, G., Divay, J.D. & Wu, Q. 2013: Diverse dinosaur ichnoassemblages from the Lower Cretaceous Dasheng Group in the Yishu fault zone, Shandong Province, China. *Cretaceous Research*, 45, 114–134.
11. **Marty, D.**, Meyer, C.A., Belvedere, M., Ayer, J. & Schäfer, K.L. 2013: Rochefort—Les Grattes: an Early Tithonian dinosaur tracksite from the Canton Neuchâtel, Switzerland. *Revue de Paléobiologie*, 32/2, 373–384.

12. Xing, L., Peng, G., **Marty, D.**, Ye, Y., Gierlinski, G., Shu, C. & Li, J. 2014: An unusual trackway of a possibly bipedal archosaur from the Late Triassic of Sichuan Basin, China. *Acta Palaeontologica Polonica*, 59/4, 863–871.
13. Xing, L., Lockley, M.G., **Marty, D.**, Piñuela, L., Klein, H., Zhang, J. & Persons IV, W.S. 2015: Re-description of the partially collapsed Early Cretaceous Zhaojue dinosaur tracksite (Sichuan Province, China) by using previously registered video coverage. *Cretaceous Research*, 52, 138–152.
14. Xing, L., Li, D., Lockley, M. G., **Marty, D.**, Zhang, J., Persons IV, W.S., You, H.-L., Peng, C. & Kümmell, S. 2015: Dinosaur natural track casts from the Lower Cretaceous Hekou Group in the Lanzhou-Minhe Basin, Gansu, Northwest China: Ichnology, track formation, and distribution. *Cretaceous Research*, 52, 194–205.
15. Dai, H., Xing, L., **Marty, D.**, Zhang, J., Persons IV, W.S., Hu, H & Wang F. 2015: Microbially-induced sedimentary wrinkle structures and possible impact of microbial mats for the enhanced preservation of dinosaur tracks from the Lower Cretaceous Jiaguan Formation near Qijiang (Chongqing, China). *Cretaceous Research*, 53, 98–109.
16. Xing, L., Lockley, M.G., Zhang, J., Klein, H., **Marty, D.**, Peng, G., Ye, Y., McCrea, R.T., Persons IV, W.S. & Xu, T. 2015: The longest theropod trackway from East Asia, and a diverse sauropod-, theropod-, and ornithopod-track assemblage from the Lower Cretaceous Jiaguan Formation, southwest China. *Cretaceous Research*, 56, 345–362.
17. Xing, L., Lockley, M.G., Bonnan, M.F., **Marty, D.**, Klein, H., Liu, Y., Zhang, J., Kuang, H., Burns, M.E. & Li, N. 2015: Late Jurassic – Early Cretaceous trackways of small-sized sauropods from China: New discoveries, ichnotaxonomy and sauropod manus morphology. *Cretaceous Research*, 56, 470–481.
18. Xing, L., **Marty, D.**, Wang, K., Lockley, M.G., Chen, S., Xu, X., Liu, Y., Kuang, H., Zhang, J., Ran, H. & Persons IV, W.S. 2015: An unusual sauropod turning trackway from the Early Cretaceous of Shandong Province, China. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 437, 74–84.
19. Xing, L., Lockley, M.G., **Marty, D.**, Zhang, J., Wang, Y., Klein, H., McCrea, R. T., Buckley, L. G., Belvedere, M., Mateus, O., Gierlinski, G., Pinuela, L., Persons IV, W. S., Wang, F., Ran, H., Dai, H. & Xie, X. 2015: An Ornithopod-dominated tracksite from the Lower Cretaceous Jiaguan Formation (Barremian–Albian) of Qijiang, South-Central China: New discoveries, ichnotaxonomy, preservation and palaeoecology. *PLoS ONE* 10(10): e0141059.
20. Falkingham, P., **Marty, D.** & Richter, A. 2016: Dinosaur Tracks Next Steps – Introduction. In: Falkingham, P., **Marty, D.**, & Richter, A. (Eds.), *Dinosaur tracks – The next steps*. Indiana University Press, Bloomington. ISBN: 978-0-253-02102-1 (page numbers not assigned as yet)
21. Falkingham, P., **Marty, D.** & Richter, A. 2016: Dinosaur track terminology: a glossary of terms. In: Falkingham, P., **Marty, D.**, & Richter, A. (Eds.), *Dinosaur tracks – The next steps*. Indiana University Press, Bloomington. ISBN: 978-0-253-02102-1 (page numbers not assigned as yet)
22. D’Orazi Porchetti, S., Bernardi, M., Cinquegranelli, A., Santos, V.F. dos, **Marty, D.**, Petti, F.M., Caetano, P.S. & Wagensommer, A. 2016: A review of the dinosaur track record from Jurassic and Cretaceous shallow marine carbonate depositional environments. In: Falkingham, P., **Marty, D.**, & Richter, A. (Eds.), *Dinosaur tracks – The next steps*. Indiana University Press, Bloomington. ISBN: 978-0-253-02102-1 (page numbers not assigned as yet)
23. Stevens, K.A., Ernst, S. & **Marty, D.** 2016: Uncertainty and ambiguity in the interpretation of sauropod trackways. In: Falkingham, P., **Marty, D.**, & Richter, A. (Eds.), *Dinosaur tracks – The next steps*. Indiana University Press, Bloomington. ISBN: 978-0-253-02102-1 (page numbers not assigned as yet)
24. Vieffhaus, H., Datcheva, M., Schanz, T. & **Marty, D.** 2016: Analysis of Desiccation Crack Patterns for Quantitative Interpretation of Fossil Tracks. In: Falkingham, P., **Marty, D.**, & Richter, A. (Eds.), *Dinosaur tracks – The next steps*. Indiana University Press, Bloomington. ISBN: 978-0-253-02102-1 (page numbers not assigned as yet)

Publications in preparation / submitted / accepted

Xing, L.D., **Marty, D.**, You, H.L., Li, D.Q., Klein, H., Knaust, D., Zhang, J.P., McCrea, R.T. & Persons, W.S.IV. (accepted by Ichnos): Complex in-substrate dinosaur (Sauropoda,

Ornithopoda) foot pathways revealed by deep natural track casts from the Lower Cretaceous Xiagou and Zhonggou formations, Gansu Province, China. *Ichnos*.

Marty, D. & Meyer, C.A. (in preparation for Journal of the Korean Earth Science Society): An update on the "dinosaur track renaissance" in Europe: new discoveries, research, geoconservation & -tourism policy.

Marty, D., Belvedere, M., Díaz-Martínez, I., Mallison, H. & Menkveld-Gfeller, U. (in preparation): New bird tracks from Oligocene subalpine Molasse deposits of Schangnau (Central Switzerland) // Stork-neoichnology for a better understanding of Cenozoic, large, anisodactyl bird tracks.

Non peer-reviewed publications

1. **Marty, D.** & Hug, W.A. 2004a: Das Dinosaurier-Spurenvorkommen von Courtedoux, Kanton Jura: Dauerhafter Geotopschutz und nachhaltige Nutzung. In: Jordan, P., Heinz, R., Heitzmann, P., Hipp, R. & Imper, D. (eds.): *Geotope – wie schützen / Geotope – wie nutzen*. 7. Internationale Jahrestagung der Fachsektion GeoTop der Deutschen Geologischen Gesellschaft und der Arbeitsgruppe Geotope des Geoforums der Schweizerischen Akademischen Gesellschaft. Schriftenreihe der Deutschen Geologischen Gesellschaft 32, 115–121.
2. **Marty, D.** & Hug, W.A. 2004b: Le Kimméridgien en Ajoie (Mésozoïque): Premiers résultats de fouilles et de recherches paléontologiques sur le tracé de la Transjurane (A16). *Actes de la Société Jurassienne d'Émulation* 2003, 27–44.
3. **Marty, D.** & Hug, W.A. 2004c: Dinosaurier-Spurenvorkommen auf der Transjurane, Kanton Jura: paläontologische Grabungen, Schutz und nachhaltige Nutzung. *GeoForum Aktuell* 19, 2–9.
4. Hug, W.A., Becker, D., **Marty, D.** & Oriet, A. 2004: La Section de paléontologie de la République et Canton du Jura: une brève présentation. *Actes de la Société Jurassienne d'Émulation* 2003, 9–26.
5. **Marty, D.**, Meyer, C.A. & Billon-Bruyat, J.-P. 2006: Sauropod trackway patterns expression of special behaviour related to substrate consistency? An example from the Late Jurassic of northwestern Switzerland. *Hantkeniana* 5, 38–41.
6. **Marty, D.**, Ayer, J., Becker, D., Berger, J.-P., Billon-Bruyat, J.-P., Braillard, L., Hug, W.A. & Meyer, C.A. 2007: Late Jurassic dinosaur tracksites of the Transjurane highway (Canton Jura, NW Switzerland): overview and measures for their protection and valorisation. *Bulletin für angewandte Geologie (Bulletin of applied Geology)* 12, 75–89.
7. **Marty, D.** 2008: Sedimentology, taphonomy, and ichnology of Late Jurassic dinosaur tracks from the Jura carbonate platform (Chevenez—Combe Ronde tracksite, NW Switzerland): insights into the tidal-flat palaeoenvironment and dinosaur diversity, locomotion, and palaeoecology. PhD Thesis University of Fribourg, *GeoFocus*, 21, 278 pp.
8. **Marty, D.** & Billon-Bruyat, J.-P. 2009: Field-trip to the excavations in the Late Jurassic along the future Transjurane highway near Porrentruy (Canton Jura, NW Switzerland): dinosaur tracks, marine vertebrates and invertebrates. In: Billon-Bruyat, J.-P., Marty, D., Costeur, L., Meyer, C.A. & Thüning, B. (Eds.), *5th International Symposium on Lithographic Limestone and Plattenkalk — Abstracts and Field Guides*. Société jurassienne d'émulation, actes 2009 bis, 94–129.
9. Billon-Bruyat, J.-P., **Marty, D.**, Costeur, L., Meyer, C.A. & Thüning, B. (Eds.) 2009: *5th International Symposium on Lithographic Limestone and Plattenkalk — Abstracts and Field Guides*. Société jurassienne d'émulation, actes 2009 bis, 141 pp. (ISSN 1011-2820).
10. Billon-Bruyat, J.-P. & **Marty, D.** 2010: Preface: Symposium on Stegosauria proceedings. *Swiss Journal of Geosciences*, 103/2, 139–141.
11. **Marty, D.**, Billon-Bruyat, J.-P., Costeur, L., Meyer, C.A. & Thüning, B. 2011: Preface: Proceedings of the 5th International Symposium on Lithographic Limestone and Plattenkalk. *Swiss Journal of Geosciences, Supplementary Issue*, S1–S4.
12. **Marty, D.** & Menkveld-Gfeller, U. 2012: Vogelspuren in den Honegg-Mergel. In: Jordi, H.A. (Ed.), *Erläuterungen zum Blatt Eggiwil, Geologischer Atlas der Schweiz 1:25'000*, 75, p. 29.
13. Meyer, C.A., **Marty, D.**, Thüning, B., Stecher, R. & Thüning, S. 2013: Dinosaurierspuren aus der Trias der Bergüner Stöcke (Parc Ela, Kanton Graubünden, SE-Schweiz). *Mitteilungen der Naturforschenden Gesellschaft beider Basel*, 14, 135–144.

14. Koppka, J., Hostettler, B., **Marty, D.**, Reisdorf, A., Waite, R., Hug, W.A., Paratte, G., Jaeggi, D., Becker, D. & Borer, P. 2013: Exkursionsführer der Jahrestagung 2013 in Porrentruy (Kanton Jura, Schweiz) der Subkommission für Jurastratigraphie der Deutschen Stratigraphischen Kommission (DSK). 104 pp.
15. **Marty, D.**, Waite, R., Hug, W.A. & Paratte, G. 2013: Fieldtrip to the Late Jurassic (Kimmeridgian) CPP dinosaur tracksite and nearby reference section Roche de Mars (Porrentruy, Ajoie district, Canton Jura). *In*: Koppka, J., Hostettler, B., Marty, D., Reisdorf, A., Waite, R., Hug, W.A., Paratte, G., Jaeggi, D., Becker, D. & Borer, P. (eds.), *Exkursionsführer der Jahrestagung 2013 in Porrentruy (Kanton Jura, Schweiz) der Subkommission für Jurastratigraphie der Deutschen Stratigraphischen Kommission (DSK)*, 3–22.
16. Becker, D., **Marty, D.**, Pirkenseer, C., Cavin, L., Grimm, K. & Reichenbacher, B. 2013: Preface: A tribute to the late Professor Jean-Pierre Berger (8 July 1956–18 January 2012). *Swiss Journal of Geosciences*, 106, 119–124.
17. Strasser, A., **Marty, D.** & Hug, W.A. 2014: Late Jurassic shallow-marine carbonate facies and sequences (and dinosaur tracks). 19th International Sedimentological Congress of the IAS, 18.-22.08.2014, Geneva, Fieldtrip guidebook, 28 pp.
18. Jaramillo, C., Moreno, F., Hendy, A.J.W., Sánchez-Villagra, M.R. & **Marty, D.** 2015: Preface: La Guajira, Colombia: a new window into the Cenozoic neotropical biodiversity and the Great American Biotic Interchange. *Swiss Journal of Palaeontology*, 134/1, 1–4.
19. Klug, C., Hoffmann, R., Fuchs, D. & **Marty, D.** 2015: Special issue: recent advances in Cambrian to modern cephalopod research I. *Swiss Journal of Palaeontology*, 134/2, 1–4.
20. Klug, C., Hoffmann, R., Fuchs, D. & **Marty, D.** 2016: Special issue: recent advances in Cambrian to modern cephalopod research II. *Swiss Journal of Palaeontology*, 135/1, 1–5.

Editing of books, special issues, and congress abstract & proceeding volumes

1. Billon-Bruyat, J.-P., **Marty, D.**, Costeur, L., Meyer, C.A. & Thüning, B. (Eds.) 2009: 5th International Symposium on Lithographic Limestone and Plattenkalk — Abstracts and Field Guides. Société jurassienne d'émulation, actes 2009 bis, 141 pp. (ISSN 1011-2820).
2. Billon-Bruyat, J.-P. & **Marty, D.** 2010: Symposium on Stegosauria Proceedings. *Swiss Journal of Geosciences*, 103/2, 139–240 (8 contributions).
3. **Marty, D.**, Billon-Bruyat, J.-P., Costeur, L., Meyer, C.A. & Thüning, B. (Eds.) 2011: Proceedings of the 5th International Symposium on Lithographic Limestone and Plattenkalk. *Swiss Journal of Geosciences, Supplementary Issue*, 178 pp. (13 contributions).
4. **Marty, D.**, Becker, D., Pirkenseer, C., Cavin, L. & Grimm, K. 2013: Special Issue: A tribute to the late Professor Jean-Pierre Berger (8 July 1956 – 18 January 2012). *Swiss Journal of Geosciences*, 106/2, 119–426, 307 pp. (21 contributions).
5. Jaramillo, C., Moreno, F., Hendy, A.J.W., Sánchez-Villagra, M.R. & **Marty, D.** 2015: La Guajira, Colombia: a new window into the Cenozoic neotropical biodiversity and the Great American Biotic Interchange. *Swiss Journal of Palaeontology*, 134/1 (2 contributions).
6. Klug, C., Hoffmann, R., Fuchs, D. & **Marty, D.** 2015: Special issue: recent advances in Cambrian to modern cephalopod research I. *Swiss Journal of Palaeontology*, 134/2.
7. Klug, C., Hoffmann, R., Fuchs, D. & **Marty, D.** 2016: Special issue: recent advances in Cambrian to modern cephalopod research II. *Swiss Journal of Palaeontology*, 134/2.
8. Falkingham, P., **Marty, D.**, & Richter, A. 2016: Dinosaur tracks — The next steps. Indiana University Press, Bloomington, 520 pp. ISBN 978-0-253-02102-1.

Public outreach (popular papers, brochures & books)

1. **Marty, D.** 2003: Die Dinosaurspuren von Courtedoux (Les Traces de Dinos de Courtedoux). *Le Cristallier Suisse* 2/2003, 14–18, 33–35, 40.
2. **Marty, D.** 2004: Neue Dinosaurierspuren auf der Transjurane. *Le Cristallier Suisse* 4/2004, 2 et 24.
3. **Marty, D.** & Hug, W.A. 2004: Dinosaurier-Spurenvorkommen auf der Transjurane, Kanton Jura: paläontologische Grabungen, Schutz und nachhaltige Nutzung. *GeoForum Aktuell* 19, 16–23.

4. Becker, D., Hug, W.A., Lapaire, F., **Marty, D.**, Oriet, A. & Oriet, B. 2004: République et Canton du Jura, Office de la culture: Paléontologie. Imprimerie jurassienne, Delémont, 36 pp.
5. Ayer, J., Hug, W.A., Becker, D., Billon-Bruyat, J.-P. & **Marty, D.** 2005: Les fouilles paléontologiques sur le futur tracé de la Transjurane (autoroute A16): bilan provisoire et perspectives après 5 années d'activité. *GeoForum Aktuell* 4, 30–35.
6. Ayer, J., Becker, D., Billon-Bruyat, J.-P., Hug, W.A. & **Marty, D.** 2006: Ausgrabung und Analyse von Fossilien der Autobahn A16 (Les fossiles de la Transjurane (A16): de la fouille à l'interprétation). *Schweizer Strahler (Le Cristallier Suisse)* 4/2006, 10–18.
7. Billon-Bruyat J.-P., Ayer J., Becker D., Hug W.A. & **Marty D.** 2006: Fouilles paléontologiques sur une autoroute suisse. *Pour la Science*, 347, p. 33.
8. Billon-Bruyat, J.-P., **Marty, D.** & Becker, D. 2008: Les sauropodes, géants agiles. *Pour la Science*, Décembre 2008 – no. 374, 34–42.
9. Billon-Bruyat J.-P., **Marty D.** & Becker D. 2009: Des pierres dans le gésier? *Courier des lecteurs*, réponse à Eric Buffetaut. *Pour la Science*, no. 375, p. 20.
10. Ayer, J., Becker, D., Billon-Bruyat, J.-P., Chalverat, J., Comment, G., Fuchs, C. & **Marty, D.** 2010: Sur les traces des géants / Auf den Spuren der Giganten. *Paléojura / MJSN*, Porrentruy, Switzerland, 18 pp.

Congress abstracts

1. **Marty, D.**, Cavin, L., Hug, W.A., Meyer, C.A. & Lockley, M.G. 2002: Preliminary report of a dinosaur trackway site in the Late Jurassic of Courtedoux, Northern Switzerland. EPA Workshop on freshwater & brackish (Paleo)ecosystems, 23.-25.09.2002, Fribourg, Switzerland, abstract volume, p. 68.
2. **Marty, D.**, Cavin, L. & Hug, W.A. 2002: Preliminary report of the excavations at the Late Jurassic Courtedoux dinosaur tracksite carried out by the «Section de paléontologie» (Jura Canton, Northern Switzerland). 3^e Symposium Georges Cuvier, 27.-31.10.2002, Montbéliard, France, abstract volume, 1p.
3. **Marty, D.** 2003: Ichnofabric context of the Late Jurassic Courtedoux dinosaur tracksite, Jura Canton, Northern Switzerland. International Ichnofabric Workshop VII, Basel, Switzerland, 14.-19.07.2003, abstract volume, 40–41.
4. **Marty, D.** 2003: Le géotope à traces de dinosaures de Courtedoux, Canton du Jura. *Journée Archéologique et Paléontologique Jurasienne*, 20.09.2003, abstract volume, 7-8.
5. **Marty, D.** 2003: Excavating and Safeguarding of Palaeontological Heritage along the "Transjurane" Highway, Canton Jura, Switzerland. 1st Swiss Geoscience Meeting, Basel, Switzerland, 28.-29.11.2003, abstract volume, p. 71.
6. **Marty, D.** & Becker, D. 2003: The "Section de paléontologie": Palaeontological Excavations and Exceptional Fossil Preservation along the "Transjurane" Highway, Switzerland. Workshop on exceptional preservation, European Palaeontological Association, Teruel, Spain, 24.-27.09.2003, abstract volume ISBN 84-607-8874-1, 73–77.
7. **Marty, D.** & Cavin, L. 2003: A "baby"-sauropod trackway from the Late Jurassic Courtedoux Dinosaur Tracksite Excavations, Canton Jura, Northern Switzerland. 1st Meeting of the European Association of Vertebrate Palaeontologists, Basel, Switzerland, 15.-19.07.2003, abstract volume, p. 29.
8. **Marty, D.** & Hug, W.A. 2003: Das Dinosaurier-Spurenvorkommen von Courtedoux, Kanton Jura: Dauerhafter Geotopschutz und nachhaltige Nutzung. *Geotop 2003*, 19.-24.05.2003, Bad Ragaz, Switzerland, abstract volume, 42–43.
9. Billon-Bruyat, J.-P. & **Marty, D.** 2004: A new coastal fauna from the Kimmeridgian of northwestern Switzerland. 52nd Symposium of Vertebrate Palaeontology and Comparative Anatomy, Leicester, England, 8.-11.09.2004, abstract volume, p. 8.
10. Billon-Bruyat, J.-P., **Marty, D.** & Hug, W.A. 2004a: New dinosaur tracks from the Kimmeridgian of northwestern Switzerland: evidence for emersions. Joint Earth Sciences Meeting, Strasbourg, France, 20.-25.09.2004, abstract volume, p. 34.
11. Billon-Bruyat, J.-P., **Marty, D.** & Hug, W.A. 2004b: Dinosaur tracks from the Kimmeridgian of northwestern Switzerland: evidence for emersions. 2nd Swiss Geoscience Meeting, Lausanne, Switzerland, 19.-20.11.2004, abstract volume, p. 90.
12. **Marty, D.** 2004a: Sedimentology, stratigraphy, and palaeoecology of the palustrine *Faciès Rognacien* at the K/T-Boundary in Southern France. 32nd International Geological Congress, Florence, Italy, 20.-28.08.2004, Scientific sessions: abstracts (part 1), p. 110.

13. **Marty, D.** 2004b: Sedimentology, palaeoenvironment, and stratigraphy of the palustrine *Faciès Rognacien* at the K/T-boundary in Southern France. 2nd Swiss Geoscience Meeting 2004, Lausanne, Switzerland, 19.-20.11.2004, abstract volume, 238–239.
14. **Marty, D.**, 2004c: Dinosaur track excavations along the "Transjurane" highway (Late Kimmeridgian, northwestern Switzerland): Latest results. 32nd International Geological Congress, Florence, Italy, 20.-28.08.2004, Scientific sessions: abstracts (part 1), p. 599.
15. **Marty D.** & Billon-Bruyat J.-P. 2004: A new reptilian fauna from the Late Jurassic of Western Europe (Kimmeridgian, Switzerland). *Journal of Vertebrate Paleontology* 24 (suppl. to no. 3), p. 90A.
16. **Marty, D.** & Billon-Bruyat, J.-P. 2004: A new reptilian fauna from the Late Jurassic of Western Europe (Kimmeridgian, Switzerland). 2nd Swiss Geoscience Meeting, Lausanne, Switzerland, 19.-20.11.2004, abstract volume, p. 240.
17. **Marty, D.**, Billon-Bruyat, J.-P. & Hug, W.A. 2004: Dinosaur track excavations along the "Transjurane" highway (Late Kimmeridgian, northwestern Switzerland): latest results. 2nd Swiss Geoscience Meeting, Lausanne, Switzerland, 19.-20.11.2004, abstract volume, p. 241.
18. **Marty, D.** & Hug, W.A. 2004a: Protection of dinosaur tracksites along the future "Transjurane" highway (Canton Jura, Northwestern Switzerland) in a Jura Geopark. 32nd International Geological Congress, Florence, Italy, 20.-28.08.2004, Scientific sessions: abstracts (part 1), p. 581.
19. **Marty, D.** & Hug, W.A. 2004b: Protection of dinosaur tracksites along the future "Transjurane" highway (Canton Jura, Northwestern Switzerland) in a Jura Geopark. 2nd Swiss Geoscience Meeting, Lausanne, Switzerland, 19.-20.11.2003, abstract volume, p. 242.
20. Reynard E., Berger, J.-P., Felber, M., Heitzmann, P., Hipp, R., Hug, W.A., Imper, P., Jordan, P., **Marty, D.**, Schenker, J. & Von Salis, K. 2004: Geoparks in Switzerland. 32nd International Geological Congress, Florence, Italy, 20.-28.08.2004, Scientific sessions: abstracts (part 1), p. 243.
21. Reynard E., Berger, J.-P., Felber, M., Heitzmann, P., Hipp, R., Hug, W.A., Imper, P., Jordan, P., **Marty, D.**, Schenker, J. & Von Salis, K. 2004: Quality Assessment and Certification of Swiss Geoparks. 2nd Swiss Geoscience Meeting, Lausanne, Switzerland, 19.-20.11.2004, abstract volume, 274–275.
22. **Marty, D.** & Meyer, C.A. 2005: The new sauropod tracksites from the Canton of Jura, Switzerland. 3rd working meeting of the DFG research unit "Sauropod biology", Aathal, Switzerland, 15.-17.04.2005.
23. **Marty, D.** & Strasser, A. 2005: Sedimentology and palaeoenvironment of dinosaur-track bearing laminites (Late Kimmeridgian, Canton Jura): first results. 13th Meeting of Swiss Sedimentologists SwissSed, Fribourg, Switzerland, 29.01.2005., abstract volume, 36–37.
24. **Marty, D.** 2005: Sedimentology and Taphonomy of dinosaur track-bearing Plattenkalke (Kimmeridgian, Canton Jura, Switzerland). 4th International Symposium on Lithographic Limestone and Plattenkalk, 12.-18.09.2005, Eichstätt, Germany, Zitteliana B26, p. 20.
25. Keller, C., **Marty, D.** & Strasser, A. 2006: Palaeosurfaces as expressions of sea-level fall and maximum flooding (Late Kimmeridgian of the Swiss Jura Mountains). 14th Meeting of Swiss Sedimentologists SwissSed, Fribourg, Switzerland, 28.01.06, 20–21.
26. **Marty, D.**, Meyer, C.A., Billon-Bruyat, J.-P. 2006: Sauropod trackway patterns expression of special behaviour related to substrate consistency? An example from the Late Jurassic of northwestern Switzerland. 4th annual meeting of the European Association of Vertebrate Palaeontologists, Budapest, Hungary, 10.-15.07.2006, *Hantkeniana* 5, 38–41.
27. **Marty, D.**, Paratte, G., Meyer, C.A., Billon-Bruyat, J.-P. & Ayer, J. 2006: New multiple ichnocoenoses of Switzerland: evidence for enduring dinosaur communities on the northern Tethys platform. 66th annual meeting of the Society of Vertebrate Paleontology, Ottawa, 18.-21.10.2006, *Journal of Vertebrate Paleontology* 26 (suppl. to no. 3), p. 96A.
28. Kindler, P., Curran, H.A., **Marty, D.** & Samankassou, E. 2007: Sedimentary sequences, bird tracks and lagoon beaches in ocean-facing cliffs: Last interglacial oolites, Boiling Hole, Eleuthera, Bahamas. 15th Meeting of Swiss Sedimentologists SwissSed, Fribourg, Switzerland, 19.01.2007, abstract volume, p. 26.
29. **Marty, D.** 2007: Comparative taphonomy of human footprints left in microbial mats of tidal flats and dinosaur footprints of Late Jurassic biolaminites; a key for the interpretation of fossil vertebrate tracks. 5th Swiss Geoscience meeting, Geneva, Switzerland, 203–204.

→ Award for best paper and presentation (Commission of the Swiss Palaeontological Memoirs).

30. **Marty D.**, Paratte G., Lovis C., Ayer J., Billon-Bruyat J.-P., Hug W.A. & Meyer C.A. 2007: Multiple dinosaur ichnocoenoses from Late Jurassic biolaminites of the Courtedoux-Tchâfouè tracksite (NW Switzerland): snapshots of a local community? 5th Swiss Geoscience Meeting, Geneva, Switzerland, 16.-17.11.2007, abstract volume, 1 p.
31. **Marty, D.**, Strasser, A. & Meyer, C.A. 2007: Formation and preservation of human footprints in present-day microbial mats of tidal flat environments (Bahamas, Belize, Egypt, Tunisia): implications for the study of fossil footprints. 5th Annual Meeting of the European Association of Vertebrate Palaeontologists, Carcassone, France, 15.-20.05.2007, abstract volume, 45–46.
32. **Marty D.**, Paratte G., Lovis C., Ayer J., Billon-Bruyat J.-P., Hug W.A. & Meyer C.A. 2007: Multiple dinosaur ichnocoenoses from Late Jurassic biolaminites of the Courtedoux-Tchâfouè tracksite (NW Switzerland): snapshots of a local community? 5th Swiss Geoscience meeting, Geneva, Switzerland, 1 p.
33. **Marty, D.**, Strasser, A. & Meyer, C.A. 2008: Sauropod tracks and exposure index: benefits for a better understanding of sedimentary processes and palaeoenvironmental reconstructions of tidal-flat environments. The second international congress on ichnology, Cracow, Poland, 29.08.-08.09.2008, p. 77.
34. Meyer, C.A. & **Marty, D.** 2008: 20 years after - recurrent vertebrate ichnocoenoses in carbonate platform environments from the Jura Mountains (Oxfordian to Berriasian; Switzerland, France). The second international congress on ichnology, Cracow, Poland, 29.08.-08.09.2008, p. 80.
35. Ayer, J., Comment, G., Adatte, T., Badertscher, C., Boll, S., Fürsich, F. T., Gretz, M., Hug, W.A. & **Marty, D.** 2008: Sedimentology and palaeoecology of the Banné Member (Late Jurassic, Kimmeridgian): new data from excavations along the Transjurane highway (Canton Jura, Switzerland). 6th Swiss Geoscience meeting, Lugano, Switzerland, p. 115.
36. **Marty, D.**, Paratte, G., Lovis, C., Jacquemet, M., Hug, W.A., Iberg, A., Oriet, A., Denier, C. & Mihajlovic, D. 2008: Methodology of systematic excavation and documentation of dinosaur tracksites along the Transjurane highway (Canton Jura, NW Switzerland). 6th Swiss Geoscience meeting, Lugano, Switzerland, 21.-23.11.2008, abstract volume, 127–128.
37. Waite, R., **Marty, D.** & Strasser, A. 2009: Masked evidence for terra rossa type soil formation on the Kimmeridgian platform of the Swiss Jura. SwissSed — 17th Meeting of Swiss Sedimentologists, Fribourg, 21.02.2009, 51–52.
38. **Marty, D.**, Belvedere, M., Meyer, C.A., Mietto, P. & Thüning, B. 2009: A comparison of Late Jurassic narrow-gauge sauropod trackways from the Central High Atlas (Morocco) and the Jura Mountains (NW Switzerland). 1st International Congress on North African Vertebrate Palaeontology, 25.-27.05.2009, Marrakech, p. 38.
39. **Marty, D.**, Meyer, C.A., Paratte, G., Lovis, C. & Jacquemet, M. 2009: Narrow- and wide-gauge sauropod trackways with similar track morphology and trackway configuration from the Late Jurassic of NW Switzerland: *Brontopodus* and/or *Parabrontopodus*? 7th Annual Meeting of the European Association of Vertebrate Palaeontologists, 20.-24.07.2009, Berlin, p. 46.
40. **Marty, D.** & Paction, M. 2009: Formation and preservation of Late Jurassic dinosaur track-bearing tidal-flat laminites (Canton Jura, NW Switzerland) through microbial mats. In: Billon-Bruyat, J.-P., Marty, D., Costeur, L., Meyer, C.A. & Thüning, B. (Eds.), 5th International Symposium on Lithographic Limestone and Plattenkalk — Abstracts and Field Guides. Société jurassienne d'émulation, actes 2009 bis, 56–58.
41. Paratte, G., **Marty, D.**, Lovis, C., Jacquemet, M., Hug, W.A., Iberg, A., Oriet, A., Denier, C. & Mihajlovic, D. 2009: Methodology of systematic excavation and documentation of dinosaur tracksites along the Transjurane highway (Canton Jura, NW Switzerland). In: Billon-Bruyat, J.-P., Marty, D., Costeur, L., Meyer, C.A. & Thüning, B. (Eds.), 5th International Symposium on Lithographic Limestone and Plattenkalk — Abstracts and Field Guides. Société jurassienne d'émulation, actes 2009 bis, 67–68.
42. Billon-Bruyat, J.-P., **Marty, D.** & Bocat, L. 2009: Tetrapods from the Late Jurassic lithographic limestones and *Plattenkalke* of Western Europe: an updated comparative review. In: Billon-Bruyat, J.-P., Marty, D., Costeur, L., Meyer, C.A. & Thüning, B. (Eds.), 5th International Symposium on Lithographic Limestone and Plattenkalk — Abstracts and Field

- Guides. Société jurassienne d'émulation, actes 2009 bis, 17–18.
43. **Marty, D.** 2009: Sedimentology, taphonomy, and ichnology of Late Jurassic dinosaur tracks from the Jura carbonate platform (NW Switzerland): insights into the tidal-flat palaeoenvironment and dinosaur diversity, locomotion, and palaeoecology. 69th Annual Meeting of the Society of Vertebrate Paleontology, 23.-26.09.2009, Bristol, Journal of Vertebrate Paleontology 29 (supplement to no. 3), p. 144A.
 44. Waite, R., **Marty, D.** & Strasser, A. 2009: Localising potential levels of soil formation on the Late Kimmeridgian Jura carbonate platform (NW Switzerland). In: Pascucci, V. & Andreucci, S. (Eds.), Abstracts book, 27th IAS Meeting of Sedimentologists, Alghero (Italy), September 20-23, 2009, Sassary (Italy), p. 403.
 45. **Marty, D.**, Paratte, G., Lovis, C., Jacquemet, M. & Meyer, C.A. 2010: Extraordinary sauropod trackways from the Late Jurassic Béchat Bovais tracksite (Canton Jura, NW Switzerland): implications for sauropod locomotor styles. 8th Annual Meeting of the European Association of Vertebrate Palaeontologists, 7.-12.06.2010, Aix-en-Provence, France, p. 56.
 46. Meyer, C.A., Thüring, B., **Marty, D.**, Costeur, L. & Thüring, S. 2010: Tracking early dinosaurs - new discoveries from the Upper Austroalpine Nappes of Eastern Switzerland (Hauptdolomit, Norian). 8th Annual Meeting of the European Association of Vertebrate Palaeontologists, 7.-12.06.2010, Aix-en-Provence, France, p. 58.
 47. **Marty, D.**, Paratte, G., Lovis, C., Billon-Bruyat, J.-P., Hug, W.A. & Fuchs, C. 2010: Dinosaur tracksites unearthed by ten years of palaeontological excavations on the highway A16 (Jura Mountains, NW Switzerland): results, future research directions, and implications for geoconservation. 3rd International Palaeontological Congress, 28.06.-03.07.2010, London, UK, p. 267.
 48. **Marty, D.**, Paratte, G., Lovis, C., Billon-Bruyat, J.-P., Hug, W.A. & Fuchs, C. 2010: Les sites à traces de dinosaures du Jura Suisse: un heritage naturel remarquable. In: Billon-Bruyat, J.-P. (coord.), Colloque scientifique "La frontière franco-suisse: un petit pas pour les dinosaures", 29.-30.10.2010, Porrentruy, Abstract volume, 17–20.
 49. **Marty, D.**, Paratte, G., Lovis, C., Jacquemet, M. & Meyer, C.A. 2010: Extraordinary sauropod trackways from the Late Jurassic Béchat Bovais tracksite (Canton Jura, NW Switzerland): implications for sauropod locomotor styles. 8th Swiss Geoscience Meeting, 19.-20.11.2010, Fribourg, Switzerland, p. 120.
 50. **Marty, D.** 2011: Formation, taphonomy, and preservation of vertebrate tracks. In: Richter, A. & Reich, M. (Eds.), Dinosaur Tracks 2011, An International Symposium, Obernkirchen, April 14-17 2011, Abstract Volume and Field Guide to Excursions. Universitätsdrucke Göttingen (ISBN: 978-3-86395-105-4), p. 37.
 51. **Marty, D.**, Paratte, G., Lovis, C., Cattin, M. & Hug, W.A. 2011: Status quo of dinosaur track excavations on highway A16 (Canton Jura, NW Switzerland) with emphasis on documentation, research, and geoconservation. In: Richter, A. & Reich, M. (Eds.), Dinosaur Tracks 2011, An International Symposium, Obernkirchen, April 14-17 2011, Abstract Volume and Field Guide to Excursions. Universitätsdrucke Göttingen (ISBN: 978-3-86395-105-4), p. 38.
 52. **Marty, D.** & Paratte, G. 2011: Dinosaur tracksites excavations on highway A16 (Canton Jura, NW Switzerland): status quo of documentation, research, and geoconservation. Campos / Cursos de verano "Huellas de Dinosaurio", 30.07.2011, Enciso, La Rioja, Spain.
 53. **Marty, D.** 2012: Overview on dinosaur tracksites in Europe and geoconservation & geotourism policies. In: Kim, K.-S., Kim, T.-H., Kong, D.-Y. & Lim, J.-D. (Eds.), Abstracts of Gyeongnam Goseong Dinosaur International Symposium – Conservation, Management and Application of the Geoheritage, 13.-14.04.2012, Gyeongnam Educational Welfare Center, South Korea, 30–31.
 54. **Marty, D.** 2012: An Update on the "Dinosaur Track Renaissance" in Europe: New discoveries and scientific research. In: Kim, K.-S., Kim, T.-H., Kong, D.-Y. & Lim, J.-D. (Eds.), Abstracts of Gyeongnam Goseong Dinosaur International Symposium – Conservation, Management and Application of the Geoheritage, 13.-14.04.2012, Gyeongnam Educational Welfare Center, South Korea, 46–47.
 55. Billon-Bruyat, J.-P., **Marty, D.**, Bocat, L. & Paratte, G. 2012: Under the feet of sauropods: a trampled coastal marine turtle. Symposium on turtle evolution, 01.-04.06.2012, University of Tübingen, Germany, abstract, p. 10.
 56. **Marty, D.**, Meyer, C.A., Paratte, G., Lovis, C., Cattin, M. & Hug, W.A. 2012: Late Jurassic

- sauropod trackways from NW Switzerland: influence of ichnoassemblage size on palaeobiological interpretations. In: Royo-Torres, R., Gascó, F. & Alcalá, L. (coord.) 10th Annual Meeting of the European Association of Vertebrate Palaeontologists, 'Fundamental', 20, 157–158. ISBN-I3: 978-84-938173-4-3.
57. **Marty, D.**, Paratte, G., Lovis, C., Cattin, M., Hug, W.A., Morisod, P., Meyer, C.A., Denier, C., Pulfer, J., Hanusch, T., Vogel, D. & Fretz, R. 2012: Acquisition, procession & curation of digital 3D data from Late Jurassic dinosaur tracksites excavated prior to the construction of Highway A16 (Canton Jura, NW Switzerland). Abstract. Digital Fossil – International conference on fossil digitizing and digital collection data handling in 2012. 24.-26.09.2012, Museum für Naturkunde, Berlin, Germany.
 58. Ernst, S., Stevens, K.A. & **Marty, D.** 2012: Parameter-space analysis for probabilistic trackway modeling. Abstract. Digital Fossil – International conference on fossil digitizing and digital collection data handling in 2012. September 24.-26.09.2012, Museum für Naturkunde, Berlin, Germany.
 59. **Marty, D.** & Meyer, C.A. 2012: From sauropods to cycads – The Late Jurassic terrestrial record of the Swiss Jura Mountains. Abstract. In: Witzmann, F. & Aberhan, M. (Eds.), Centenary Meeting of the Paläontologische Gesellschaft – Programme, Abstracts, and Field Guides, 24.-29.09.2012, Naturkundemuseum Berlin, Terra Nostra – Schriften der GeoUnion Alfred-Wegener-Stiftung, 2012/3, 119–120. ISSN 0946-8978.
 60. **Marty, D.**, Ayer, J., Schäfer, K. & Meyer, C.A. 2012: A narrow-gauge trackway of a small sauropod from the Tithonian (Late Jurassic) of the Rochefort—Les Grattes tracksite (Canton Neuchâtel, Switzerland). 4th Georges Cuvier Symposium, 8.-12.10.2012, Montbéliard (France), Abstract Volume, p. 45.
 61. **Marty, D.**, Meyer, C.A., Paratte, G., Lovis, C. & Cattin, M. 2012: Spatial relationships in dinosaur ichnoassemblages and its influence on paleobiological interpretations – a case study from the Late Jurassic of NW Switzerland. Qijiang International Dinosaur Track Symposium, Chongqing Municipality, China, 28.-20.11.2012, Abstract volume, 65–68.
 62. Miserez, C., Rochat, M., Paratte, G. & **Marty, D.** 2013: Development and production of a support for dinosaur track-bearing slabs recovered from Highway A16 excavations (NW Switzerland). 6th Annual Fossil Preparation & Collections Symposium, 20.-22.04.2013, Drumheller, Alberta, Canada, Abstract Volume, 59–62.
 63. Meyer, C.A., Thüring, B. & **Marty, D.** 2013: A reassessment of the first Late Jurassic megatracksite in Northern Switzerland. 11th Annual Meeting of the European Association of Vertebrate Palaeontologists, 11.-15.06.2013, Villers-Sur-Mer (France), Abstract Volume, p. 52.
 64. Schudack, M., Schudack, U. & **Marty, D.** 2013: Kimmeridgian (Upper Jurassic) ostracods from the Transjura Highway (Canton Jura, NW Switzerland): taxonomy, stratigraphy and palaeoecology. 17th International Symposium on Ostracoda, 23.-26.07.2013, Roma, Italy, *Il Naturalista siciliano* (ISSN 0394-0063), S. IV, XXXVII (1), 353–355.
 65. **Marty, D.**, Meyer, C.A., Paratte, G. & Cattin, M. 2013: Overview on dinosaur tracksites in the Swiss and French Jura Mountains. VI Jornadas Internacionales sobre Paleontología de Dinosaurios, 4.-7.09.2013, Salas de los Infantes, Spain, Abstract Book, 23–26.
 66. **Marty, D.** & Meyer, C.A. 2013: A bridge over troubled water – The continuous record of terrestrial vertebrates from the Oxfordian to the Berriasian in the Jura Mountains. 57th Annual Meeting of the Palaeontological Association, 13.-16.12.2013, Zürich, Switzerland, *The Palaeontology Newsletter*, 84, p. 48.
 67. **Marty, D.**, Belvedere, M., Díaz-Martínez, I. & Menkveld-Gfeller, U. 2014: New bird tracks from Oligocene subalpine Molasse deposits of Schangnau (Central Switzerland). 12th Annual Meeting of the European Association of Vertebrate Palaeontologists, 24.-28.06.2014, Torino (Italy).
 68. Meyer, C.A., **Marty, D.**, Klein, H., Wizevich, M., Falkingham, P., Thüring, S., Thüring, B., Eggenschwiler, P., Schmutz, S., Ahern, J., Cavin, L., Piuze, A. & Proze, P.-A. 2014: A large new tetrapod tracksite from the Triassic of the Western Swiss Alps (La Veudale; Vieux Emosson Formation, Late Olenekian to Anisian). 12th Annual Meeting of the European Association of Vertebrate Palaeontologists, 24.-28.06.2014, Torino (Italy).
 69. **Marty, D.**, Belvedere, M., Díaz-Martínez, I., Mallison, H. & Menkveld-Gfeller, U. 2014: Stork-neoichnology for a better understanding of Cenozoic, large, anisodactyl bird tracks. 74th Annual Meeting of the Society of Vertebrate Palaeontology, 5.-8.11.2014, Berlin (Germany), Meeting program & abstracts, p. 181

70. Meyer, C.A. & **Marty, D.** 2014: The recurrent record of terrestrial environments in the Late Jurassic of the Swiss Jura Mountains – Implications for paleogeographic reconstructions. 74th Annual Meeting of the Society of Vertebrate Palaeontology, 5.-8.11.2014, Berlin (Germany), Meeting program & abstracts, p. 187.
71. **Marty, D.**, Stevens, K.A., Ernst, S., Paratte, G., Lovis, C., Cattin, M., Hug, W.A. & Meyer, C.A. 2015: Processing and analysis with 'Cadence Toolset' of Late Jurassic dinosaur track data systematically acquired during ten years of excavation prior to construction of Highway A16, NW Switzerland. 13th Annual Meeting of the European Association of Vertebrate Palaeontologists, 8.-12.07.2015, Opole, Poland, p. 46.
72. Stevens, K.A., Ernst, S. & **Marty, D.** 2015: Data-driven analysis and interpretation of fossil trackways. Annual Symposium of Vertebrate Palaeontology and Comparative Anatomy, 29.08.-04.09.2015, Southampton.

Scientific reports

1. **Marty, D.** 1999: Bericht zur Dalle Nacrée Grabung in Undervelier (JU). Unpublished excavation report, University of Basel.
2. **Marty, D.** & Meyer, C.A. 1999: Ausbau Transitgasleitung Abschnitt Rodersdorf—Lostorf: paläontologisches Gutachten. Unpublished report for the cantonal archaeology of the Canton Basel-Landschaft, University of Basel, 8 pp.
3. **Marty, D.** 2001: Sedimentology, Palaeoecology and Stratigraphy of the palustrine *Facies Rogancien* at the K/T-boundary in Southern France. Master thesis, University of Basel, 70 pp.
4. Thüring, B., Hug, W.A., Favre, I., **Marty, D.**, Lapaire, F. & Hostettler, B. 2001: Rapport d'activités 2000. Paléontologie et Transjurane 1, Porrentruy, 32 pp.
5. **Marty, D.** & Diedrich, C. 2002: Fouilles paléontologiques dans les unités du Secondaire (Mésozoïque): Combe de Vâ-tche-Châ, Déblais du Tunnel du Banné. Rapport d'activités 2001, Paléontologie et Transjurane 2, Porrentruy, 13 pp.
6. **Marty, D.**, Cavin, L., Hug, W.A., Lovis, C. & Braillard, L. 2003: Le Secondaire (Mésozoïque) du Jura le long de la Transjurane avec recherche approfondie sur le site de Courtedoux—Sur Combe Ronde. Rapport d'activités 2002. Paléontologie et Transjurane 3, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 1-52.
7. **Marty, D.**, Boll, S., Billon-Bruyat, J.-P., Hug, W.A. & Lovis, C. 2004: Le Mésozoïque du Jura le long de la Transjurane: Prospection, sondages, fouilles et recherches. Rapport d'activités 2003. Paléontologie et Transjurane 4, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 104 pp.
8. **Marty, D.**, Ayer, J., Becker, D., Billon-Bruyat, J.-P., Lapaire, F. & Lovis, C. 2005: Le Mésozoïque et le Cénozoïque du Jura le long de la Transjurane: prospection, sondages et fouilles. Rapport technique 2004. Paléontologie et Transjurane 8, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 70 pp.
9. Becker, D., Ayer, J., Billon-Bruyat, J.-P., Lapaire, F. & **Marty, D.** 2005: Projets scientifiques liés à la Paléontologie A16. Rapport scientifique 2004. Paléontologie et Transjurane 9, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 68 pp.
10. Billon-Bruyat, J.-P., Ayer, J., Bardertscher, C., Becker, D., Bocat, L., **Marty, D.**, Paratte, G. & Rauber, G. 2006: Le Mésozoïque et le Cénozoïque du Jura le long de la Transjurane. Prospection, sondages & fouilles. Rapport technique 2005. Paléontologie et Transjurane 10, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 67 pp.
11. Becker, D., Ayer, J., Billon-Bruyat, J.-P., Cavin, L., Lapaire, F., **Marty, D.** & Picot, L. 2006: Études et projets – Paléontologie A16. Rapport scientifique 2005. Paléontologie et Transjurane 11, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 99 pp.
12. Becker, D., Ayer, J., Billon-Bruyat, J.-P., **Marty, D.** & Picot, L. 2007: Études et projets scientifiques – Paléontologie A16. Rapport scientifique 2006. Paléontologie et Transjurane 13, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 60 pp.
13. Billon-Bruyat, J.-P., Ayer, J., Bardertscher, C., Becker, D., Bocat, L., Comment, G., Krebs, R., **Marty, D.**, Paratte, G. & Rauber, G. 2007: Le Mésozoïque et le Cénozoïque du Jura le

- long de la Transjurane. Prospection, forages, sondages & fouilles. Rapport technique 2006. Paléontologie et Transjurane 12, Annual report of the Section d'archéologie et paléontologie, Office de la culture, Porrentruy, Switzerland, 72 pp.
14. Billon-Bruyat, J.-P., Ayer, J., Becker, D., Bocat, L., Comment, G., Krebs, R., **Marty, D.**, Paratte, G. & Rauber, G. 2008: Le Mésozoïque et le Cénozoïque du Jura le long de la Transjurane. Prospection, forages, leviers de coupes & fouilles. Rapport technique 2007 — Paléontologie et Transjurane 14, Porrentruy, 89 pp.
 15. Becker, D., Ayer, J., Billon-Bruyat, J.-P., Bocat, L., Comment, G., **Marty, D.**, Paratte, G., Rauber, G. & Scherler, L. 2008: Études et projets scientifiques – Paléontologie A16. Rapport scientifique 2007 — Paléontologie et Transjurane 15, Porrentruy, 90 pp.
 16. Billon-Bruyat, J.-P., Ayer, J., Becker, D., Bocat, L., Comment, G., Jacquemet, M., Lovis, C., **Marty, D.**, Paratte, G. & Rauber, G. 2009: Le Mésozoïque et le Cénozoïque du Jura le long de la Transjurane. Prospection, forages, leviers de coupes & fouilles. Rapport technique 2008 — Paléontologie et Transjurane 19, Porrentruy, 71 pp.
 17. Ayer, J., Billon-Bruyat, J.-P., Bocat, L., Comment, G., Lovis, C., **Marty, D.** & Paratte, G. (Eds.) 2009: Études et projets scientifiques mésozoïques – Paléontologie A16. Rapport scientifique 2008 — Paléontologie et Transjurane 20, Porrentruy, 118 pp.
 18. **Marty, D.**, Lovis, C. & Paratte, G. 2009: Sites à traces de dinosaurs de l'A16. In: Ayer, J., Billon-Bruyat, J.-P., Bocat, L., Comment, G., Lovis, C., Marty, D. & Paratte, G. (Eds.), *Études et projets scientifiques mésozoïques – Paléontologie A16*. Rapport scientifique 2008 — Paléontologie et Transjurane 20, Porrentruy, 31-105 pp.
 19. **Marty, D.**, Lovis, C. & Paratte, G. 2010: Études et projets scientifiques mésozoïques – Paléontologie A16: Sites à traces de dinosaurs de l'A16. Rapport scientifique 2009 — Paléontologie et Transjurane 28, Porrentruy, 45 pp.
 20. Bocat, L., Comment, G., Lovis, C., Paratte, G., Rauber, G., Ayer, J., Becker, D., Billon-Bruyat, J.-P. & **Marty, D.** 2010: Le Mésozoïque et le Cénozoïque du Jura le long de la Transjurane. Fouilles. Rapport technique 2009 — Paléontologie et Transjurane 27, Porrentruy, 41 pp.
 21. Becker, D., Billon-Bruyat, J.-P., Bocat, L., Cattin, M., Comment, G., Lovis, C., **Marty, D.**, Paratte, G. & Rauber, G. 2011: Le Mésozoïque et le Cénozoïque du Jura le long de la Transjurane. Prospection, forages, leviers de coupe, sondages & fouilles, activités paléojura. Rapport technique 2010 — Paléontologie et Transjurane 33, Porrentruy, 79 pp.
 22. Becker, D., Billon-Bruyat, J.-P., Bocat, L., Cattin, M., Comment, G., Koppka, J., Lovis, C., **Marty, D.**, Paratte, G. & Rauber, G. 2012: Le Mésozoïque et le Cénozoïque du Jura le long de la Transjurane. Prospection, forages, leviers de coupe, sondages & fouilles, activités Paléojura. Rapport technique 2011 — Paléontologie et Transjurane 35, Porrentruy, 81 pp.